

ANNUAL REPORT FOR 2006



**Squires Run Bridge
Onslow County
TIP No. B-3884
CAMA permit No. 91-04**



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SUMMARY

The Squires Run Bridge Mitigation Site (B-3884) is located in Onslow County. This is an annual report for temporary impacts associated with bridge replacement of Bridge No. 40 over Squires Run on SR 1308. The site was completed in April 2005.

The temporary impacts encompass approximately 0.01 acres. The area that was impacted by mechanized clearing is being monitored to ensure that it re-attains wetland jurisdictional status. No hydrologic monitoring is required for this site; however, vegetation monitoring is required for three years.

After the second year of monitoring, the Squires Run Bridge site shows by visual observation that the temporarily impacted area is re-attaining wetland jurisdictional status.

NCDOT proposes to discontinue vegetation monitoring of this site.

1.0 INTRODUCTION

1.1 Project Description

The Squires Run Bridge Site (B-3884) is located in Onslow County. This is an annual report for temporary impacts associated with bridge replacement of Bridge No. 40 over Squires Run on SR 1308 (Figure 1).

1.2 Purpose

In order for a temporarily impacted site to be considered successful, the site must re-attain wetland jurisdictional status. This report details the vegetation monitoring in 2006 at the Squires Run Bridge site. Hydrologic monitoring was not required for this site.

1.3 Project History

April 2005	Project Completed
July 2005	Vegetation Monitoring (1 year)
June 2006	Vegetation Monitoring (2 year)

2.0 VEGETATION: SQUIRES RUN BRIDGE SITE (YEAR 2 MONITORING)

2.1 Success Criteria

Due to the possibility that compaction, mechanized clearing, and/or other site alterations might prevent the temporary wetland impact area from re-attaining wetland jurisdictional status, the permittee shall provide an annual update on the wetland areas temporarily impacted by this project. This annual update will consist of photographs and a brief report on the progress of the temporarily impacted areas. After three years of monitoring, the permittee shall schedule a field meeting with DCM, DWQ, and WRC to determine if the temporarily impacted areas have re-attained jurisdictional wetland status. If at the end of three years the area has not re-attained jurisdictional wetland status, NC DCM and the above listed agencies shall determine whether a compensatory wetland mitigation plan will be required.

2.2 Description of Species

There were no species planted for the temporary impacts. The temporarily impacted areas were left to revegetate naturally.

2.3 Results of Vegetation Monitoring

Species noted in temporary impact area are as follows: green ash, red maple, scarlet oak, willow oak, baldcypress, swamp chestnut oak, goldenrod, box elder, privet, fennel, and various grasses.

2.4 Conclusions

There were approximately 0.01 acres of temporary impacts on site. By visual observation Squires Run Bridge site shows that natural re-vegetation is occurring and that the impacted areas are re-attaining jurisdictional wetland status.

3.0 Overall Conclusions and Recommendations

NCDOT proposes to discontinue vegetation monitoring at the Squires Run Bridge Site.

APPENDIX A

SITE PHOTOS

Squires Run Bridge



Photo 1



Photo 2